

DX News

•Serving DX'ers since 1933•



Volume 60, No. 22 - March 22, 1993 (ISSN 0737-1659)

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CPC Test Calendar

Call	Freq	Date	EST Time
WSMI	1540	Mar 24, 1993	0100-0110
WECO	940	Mar 27, 1993	0000-0030
WLKW	790	Mar 29, 1993	0000-0015
WCPM	1280	April 1, 1993	0100-0115
WVHI	1330	April 19, 1993	0100-0400

WCPM-1280 - 101 Keller St. - Cumberland, KY 40823 will conduct a DX test from 1:00-1:15 am EST Thursday April 1. The test will include tones and voice ID's. Reception reports may be sent to Mr. J. George Bibb (KS4K), President. Arranged by J. D. Stephens for the IRCA CPC.

WVHI-1330 - Third and Main - Evansville, IN 47708 will conduct a DX test from 1:00-4:00 am EDT Monday April 19. The test will include Morse code, tones, voice ID's, and various types of music. Reception reports may be sent to Mr. Ralph Turpen (KA9OWT), Vice-president/chief Engineer. Arranged by J. D. Stephens for the IRCA CPC.

From the Publisher ... We're still receiving complaints from Canadian members about the post office holding up their copies of DXN. As I mentioned earlier, the postage amount of 38¢ (or 60¢ for issues over 24 pages long) is correct, according to my local office, for the printed matter rate. Should you have any more problems, I'd strongly suggest that you file a formal complaint with your local office. While you're at it, see if you can lobby for mailing to Canada with just the permit imprint, rather than with postage stamps, as we were able to do up until about four years ago!

Jeff Multer, Charlotte, NC recently found a couple of Superadio II's at a local Lowes Home Improvement Center and suggested that DX'ers might be able to find II's at retail outlets "whose retailing emphasis is on something other than radio/electronics."

And now, the first mod for III's. Dave Maund, Brigus, Newfoundland, writing in the March 1993 *DX Ontario*, found that his worked better when he moved the speaker away from the rest of the innards after he disassembled it. He then wrote to GE (c/o Thomson Consumer Electronics, the French parent

company of GE and RCA), asking for more information. He continues, "They seem aware of the problem, and suggested simply reversing the two leads from the circuit board to the speaker unit. I was skeptical, but I tried it and their cure worked perfectly. Not only is the GE Superadio III a hot MW-Band receiver but, on strong signals, the audio in the "wide" position is exceptional ... indeed, very close to FM quality in range and clarity ... Not all units may be affected, but if the noise floor seems high and sensitivity poor, try reversing the speakers leads." Thanks to DXO for that tip.

Welcome to these new members ... Gary G. Moon, Columbus, OH; Thomas Allen, Cumming, GA; and Gilles Michaud, Laval, Quebec.

Remaining DXN Schedule, Volume 60

#	Deadline/Pub. Date	Deadline/Pub. Date	Deadline/Pub. Date	Deadline/Pub. Date
23.	Mar. 19	Mar. 29	27.	June 18 June 28
24.	April 9	April 19	28.	July 16 July 26
25.	April 23	May 3	29.	Aug. 13 Aug. 23
26.	May 21	May 31	30.	Sept. 10 Sept. 20

DX Time Machine

From the pages of DX News:

50 years ago ... from the Mar. 20, 1943 DXN: The appeals by WPID and KAST for suspension of operations until after the War were flatly denied by the FCC, which stated that they were endeavoring to keep every station on the air, even if they were running in the red. WFAS was authorized to shift from 1240 to 1230 kcs., thereby allowing full-time operation for them and WGBB-1240 with which they had formerly shared time.

25 years ago ... from the March 16, 1968 DXN: Alan Merriman, Fairfax, VA reported Canadian verie #100 and his 75th verified country, Venezuela ... Norm Maguire's Supremacy Ratings showed Len Kruse, Iowa, on top with total veries of 3,925, 15 countries, and 77 foreign veries ... Andrew Rekay, Chicago, was looking for a set of BCB coils for his HRO-60 receiver.

10 years ago ... from the March 21, 1983 DXN: Dave Schmidt presented his DDXD as "...almost as exciting as cream of dish water soup!"

AM Switch

Status changes in AM stations, supplied by the FCC and listeners

CALL LETTER CHANGES

Old call:	New call:	Old call:	New call:
770 KPLA CA Riverbank	KCBC*	1070 KRBE TX Houston	KCRR
790 KFLI CA Eureka	KWSW	1140 KLUC NV N. Las Vegas	KXNO
810 WXLR GA Hahira	WSHF	1170 KSTT IA Davenport	KJOC
820 WAPO TN Jasper	WWAM	1180 WMLX KY Florence	WLLO
990 WANT VA Richmond	WIMM	1290 WIQB MI Saline	WAMX
1020 KRAD OK Perry	KASR	1470 KVIN OK Vinita	KITO*
1050 WPZA MI Ann Arbor	WTKA	1510 KIDZ MO Independence	KJLA

*Notes: KPLA-770 first requested KDEF, now has set that aside in favor of KCBC. The KVIN-1470 change to KITO has not yet been listed by the FCC but is confirmed by local monitoring.

APPLICATION FOR NEW STATION

1490 MT Great Falls: 300/300 U1

KRJH

111 North Main, Hallettsville, Texas 77964

GRANT FOR NEW STATION

1340 MO Amoret: 250/250 (this is the synchronous transmitter between KNHN and KSEK as noted in DXN #19)

APPLICATIONS FROM EXISTING FACILITIES

None

GRANTS TO EXISTING FACILITIES

1050 WAMN WV Green Valley: night power to 200 watts (this is for their permit to move to this frequency, WAMN is presently on 1040 kHz)

OTHERNESS

650 WBSO MA	Clinton: permit to construct new station has been CANCELLED and call letters DELETED
1050 WKDL MD	Silver Spring: silent station is ON THE AIR with new "Radio Zone" kid's format (WKDL-1460 Manassas, VA which is to simulcast with WKDL has not yet returned to the air)
1090 WJKM TN	Hartsville: (see DXN #19) despite their paperwork problems at the FCC this station IS ON THE AIR and will no doubt remain so, looks like the FCC screwed up yet another time and that WJKM's license "cancellation" was a mistake by the Feds.
1230 KKUL MT	Hardin: shown as silent in the Log, is ON THE AIR
1360 WLCM SC	Lancaster: (see DXN #20) in response to our question about this station after the call WLCM was granted elsewhere, Robert Urmacht from MSJ notes they believe this station "gave back the license" although we have seen no official FCC confirmation of this. For now assume this station is DELETED.
1440 KPUR TX	Amarillo: silent station is ON THE AIR
1480 KWUN CA	Concord: station is SILENT

COMMENT: In recent weeks we have questioned the FCC's information on stations which are silent. Even in the very latest FCC Engineering Database (dated 2/93) they show a number of stations

Jerry Starr
c/o WHOT Radio
4040 Simon Road
Youngstown, OH 44512-1320

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that have been silent and deleted for years as still operating. Now we find another glaring example of the Commission's pattern of sloppy record-keeping from the Inside Radio fax service. On the current FCC form for license renewal there is NOTHING ON THE FORM THAT ASKS IF THE STATION IS ACTUALLY ON THE AIR. Believe it or not!

THANKS: Al Merriman, David Lewis, Doug Smith W9WI, Robert Urmacht

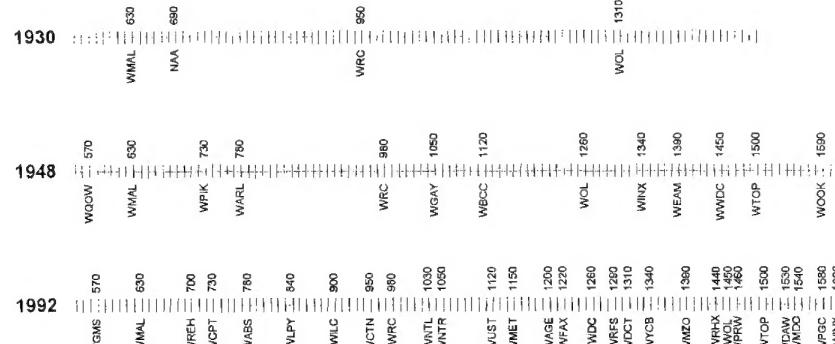
73 and Good DX, *Jerry & BKF* Jerry Starr & Buffalo K. Foonman

Now and Then

John D. Bowker

Dial changes in AM markets, from 1930 to 1948 to 1992

WASHINGTON, DC MARKET



**Professional
Sports
Networks**

Barry S. Finkel
10314 S. Oakley
Chicago, IL 60643-2409

Network listings for team sports stations

One network list this week. I still need more NBA and NHL lists, and with the start of spring training, Major League Baseball lists. You can send me information electronically via the Internet. My e-mail address is BSFINKEL@ANL.GOV

Charlotte Hornets (NBA) 1992-1993 (via Dave Braun and Jeff Multer)

550 WDRV-NC	1050 WLON-NC	1240 WJNC-NC	1310 WTIK-NC	1430 WBLR-SC
580 STSB-NC	1070 WNCT-NC	WRVO-VA	WGH-VA	WMNC-NC
590 WCAB-NC	1110 WBT-NC *	1250 WBRM-NC	1320 WOMG-SC	1450 WGNC-NC
600 WJSJS-NC	1150 WGBR-NC	1270 WCGC-NC	1340 WJRI-NC	1490 WGCD-SC
730 WOHS-NC	1230 WFAL-NC	1280 WSAT-NC	1380 WLRV-VA	1590 WCSL-NC
950 WSPA-SC	WSKY-NC	1290 WHKY-NC	1400 WSMY-VA	

Domestic DX Digest

North: Bill Hale

495 Creekview Drive - Meridian, ID 83642-3241

South: Duncan Shaw

2618 Ellendale Place, #3 - Los Angeles, CA 90007

East: Dave Braun

11 Mill Bend Acres - Wyoming, DE 19934-9523



DX Catches in the U. S. and Canada, with 24-hr. ELT

DX Catches in the U. S. and Canada, with 24-hr. ELT

DDXD North



MEDIUM WAVE RAMBLINGS

■ Since we are about to jump out of the weekly schedule for DX News, I thought I'd pass along the deadlines for DDXD-N (and I imagine for -S and -E as well). Here goes:

Issue 24	Apr 3	Issue 28	Jul 10
Issue 25	Apr 17	Issue 29	Aug 7
Issue 26	May 15	Issue 30	Sep 4
Issue 27	Jun 12	All Saturdays.	

That's it for Volume 60!

■ Reports are welcome via the post, phone (208-888-7398 before 2100 Mountain Time), Prodigy (MTFH12A) or the Broadcast Message area on Fido-Net.

SPECIAL

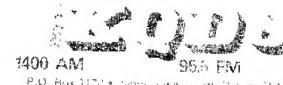
580 KZMX SD Hot Springs - Station has been off since mid-February. Calls to them are not being answered. Gone for good. (RM-SD)
 860 KWPC IA Muscatine - Is now AdCon and IDs as *Mix 86*. Format change from C&W. (RD-IA)
 1110 WNNW NH Salem - Change phone number in Log to 603-894-1110. (RD-IA)
 1240 KLVJ ID Mountain Home - 3/1 - Swapped formats with FM, so now is AC, with C&W going to the other kind of modulation. But sources at station say they (the AM) will be going oldies as soon as their 6-month contract with the AC outfit is up. [Ed.-ID]

UNIDs and UNID HELP

700 CKRD AB Red Deer - I second that opinion that MH-NE's unID of 2/8 (Issue 19) is this. The music fits an AC as well as a CHR format, and CKRD's format is listed as AC/OLD in the Log. (EB-MO)
 880 KHAC NM Tse Bonito - Could also be MH-NE's 2/5 unID (Issue 19). They are listed in the Log as "REL/Navajo" and may have been running EE REL at that time. KJQJ Conroe is another possibility, but would cause mucho QRM to WCBS. (EB-MO)
 1060 KGFX SD Pierre - MH-NE's unID on 2/8 (Issue 19) is likely this. Their FM is on 92.7. (EB-MO) ... This would seem a likely bet for Mike Hawk's unID from Issue 19. KGFX-FM is on 92.7, and you know how FMs like to round off to the nearest number for ID purposes. Maybe KGFX has changed formats, as well? (RD-IA)
 1320 KSMX WA Walla Walla - This is listed as *Radio Centro* in the Log, so is likely SA-MB's unID of 1/31 (Issue 19). (EB-MO)

DX AND EQUIPMENT TESTS

640 WWJZ NJ Mount Holly - 3/1 0000:10 - Poor with CID over jumble. Another weak CID at 0011. (FTS-MN)
 WWJZ NJ Mount Holly - 3/1 (no time) - Tone heard way under KFI. Could have been them, but no positive heard. (BM-SD)
 WWJZ NJ Mount Holly - 3/1 0000-0100 - CID → 1 kHz TT that lasted for 10 minutes → CID → long 1 kHz TT. No VIDs heard due to loudmouth Cuba. Other wise, did quite well even coming up strong with CIDs @ 0100. (JL-OH)
 WWJZ NJ Mount Holly - 3/1 0000-0058 - Wide variance in signal strength throughout. Heard several CIDs and VIDs, as well as some big band ballads. Second catch from Jersey here. (RD-IA)
 830 KBOA MO Kennett - 2/22 0100-0200 - Announcement of equipment test for the benefit of the IRCA → march music and CIDs → more music. Used slogan *The Gentle Giant*. Also mentioned phone call from a Florida DXer → 1 kHz TTs at various levels → CIDs and march music. Test concluded at 0145. Dominated the frequency ... all over WCCO. (JL-OH)
 WKTX OH Cortland - 3/1 0105 - With CID. Caught during WCCO "talk period". Good signal for being only 18 air miles from the 'CCO transmitter site. (FTS-MN)
 WKTX OH Cortland - 3/1 0102-0105 - With CLs in code, march music, tone and CLs in code again. All behind powerful WCCO signal. Report sent. Thanks, Jerry Starr. (BM-SD)
 WKTX OH Cortland - 3/1 0100-0130 - Started with VID, then CIDs at different pitches → march music. This sequence was repeated throughout the test with 1 kHz TT the exception at 0109 and 0121. Good & solid under WCCO. Test continued past 0130 with various TTs. (JL-OH)
 WKTX OH Cortland - 3/1 0106-0124 - Very good under/over WCCO with tons of VIDs, code, march music and TTs. (RD-IA)
 960 KGWA OK Enid - 3/1 0300-0330 - Not heard. Only an unID OLD and WFIR. This is the second no-show for these guys, wonder what their excuse will be this time. The IRCA CPC ought to save their postage on this one. (JL-OH)
 1110 WNNW NH Salem - 2/15 0302-0330 - Weak, but definitely in there with CIDs from 0302-0307 and again from 0310-0330. Second new station from NH this season! (RD-IA)
 1530 KPCR MO Bowling Green - 3/1 - Not heard. (FTS-MN)
 KPCR MO Bowling Green - 3/1 - Not heard. Too much WVOI/WCKY/KXEL. (JL-OH)
 1590 WWCC PA Honesdale - 2/13 0019 - Fair signal for about 5 or six minutes with intermittent CIDs. (RD-IA)



TIS & OTHER STUFF

1610 KOD771 WA Crescent Lake-Olympic National Park - 3/3 0655-0745 - Poor to fair, alternating and mixing with Stevens Pass TIS (see next item), fading completely at times. Message describes winter operating limitations and restrictions around Crescent Lake Resort area. (JW-OR)
 WNHC7881 WA Stevens Pass - 3/3 0655-0745 - Poor fair alternating with Crescent Lake TIS (see last item). *This is Department of Transportation with Stevens Pass road condition update.* Brief road and weather report followed, with ski area hours of operation. Call is tentative. (JW-OR)

MIDNIGHT TO 0800 HOURS ELT

730 WACE MA Chicopee - 2/17 0702 - Fair \Rightarrow good over CKAC with dual ID as *AM 950 WROL Boston, AM 730 WACE Chicopee* \Rightarrow local weather and promo for *Songshine USA* program. (MB-ON)

800 CKDR ON Dryden - 2/15 0641 - Poor in dogfight with pests CKLW and CJBC. Noted *CHDR temperature is minus 25 degrees* \Rightarrow a rundo of people celebrating birthdays on this day. Heard on 900 in '79. (MB-ON)

930 WBEN NY Buffalo - 3/3 0613 - Good with IDs as *BEN News* and short list of school cancellations due to fog \Rightarrow EST TC and local ad. (RD-IA)

960 WSBT IN South Bend - 3/1 0024 - Fair over KMA with *Radio 960 WSBT* followed by song *Hey Baby*. (JB-WI)

1070 KHMO MO Hannibal - 3/1 no time - With sign-off. No SSB or station details of power, etc. (JB-WI)

1550 WIRV KY Irvine - 2/15 0615 - Good with female DJ: *WIRV, it's 6:15 on this Monday morning*. KCJJ-1560 off, which helped. (RD-IA)



AM1350

102 Elm Street, Suite 203 • Washington, MO 63090

0800 TO 1600 HOURS ELT

What you report is what you get.

1600 TO 2400 HOURS ELT

640 CHOG ON Richmond Hill - 2/28 2020 - Under WOI, heard *AM 640, the New Beat of Toronto*. Heard again at 2040. No CLs, but figured it has to be CHOG. (JB-WI)

650 KSTE CA Rancho Cordova - 2/23 2018-2022 - With news, weather, traffic reports, ads and business news. *650 KST* slogan used often. Report sent. (BM-SD)

CISL BC Richmond - 1/27 2127 - With ad for *Radio Shack*, Richmond mentions including one in weather, announcement *You're listening to CISL's Oldies Weekend brought to you by ?? Furniture* \Rightarrow ad for that furniture store. Back to *Oldies Coast-to-Coast* at 2130. Good signal. [Ed.-ID]

990 WYAT LA New Orleans - 2/23 2100-2105 - With CLs followed by records *Chances Are and At The Hop*. L&C for only 400 watts. 990 #3. (JB-WI)

1130 WSJP KY Murray - 2/23 1756-1812 - Fair \Rightarrow good, creaming usually-dominant WBBR and WWWW, with promo for *Murray State* basketball coverage, *WSJP's Student of the Week*, state news from Kentucky Network, local news, CNN News at 1800, & promo for *Bottom Line Report* farm news program. (MB-ON)

1230 WXCO WI Wausau - 2/10 1752 - Fair with CLs and promo for an upcoming *Tanya Tucker* concert. (RD-IA)

1290 WNBN MS Meridian - 2/14 1952 - Good with TC and CLs, but with badly distorted audio. First new regional from Ole Miss in quite some time. (RD-IA)

1360 WYER IL Mount Carmel - 2/21 1959-2008 - With C&W tune, ID, NBC News, three PSAs, weather and intro of . . . *another hour of hot country favorites*. Report sent. (BM-SD)

1470 KWRD TX Henderson - 2/14 1920 - Fair with GOS programming & CLs. (RD-IA)

REPORTERS

JL-OH Jeffrey (Mr. Test) Less Toledo, OH; Panasonic RF-5000A (x2)

FTS-MN Todd Skaine Minneapolis, MN; ICF-2010

MB-ON Mike Brooker Toronto, ON; Panasonic RF-2200 or Sony ICF-7600D

EB-MO Eric Bueneman Hazelwood, MO; unID help via Prodigy

BM-SD Bill Moser Pierre, SD; GE Superadio II using its built-in antenna

JB-WI John Baumgarten Tomah, WI; Superadio II

RD-IA Rick Dau Iowa City, IA; R-1000 + Radio West Loop

JW-OR Jack Woods Waldport, OR; Barlow-Wadley XCR-30 + Martens Loop

Ed.-ID Editor Meridian, ID; ICF-2010

ABBREVIATIONS AND SPECIAL SYMBOLS USED IN DDXD - North

||:parallel with or to \Rightarrow into :00 on the hour AC:Adult contemporary AP:Associated Press BBD:big band BRN:Business Radio Net C&W:country & western CHR:contemporary hit radio CID:code ID CL:call letter ContChr:contemporary Christian EZL:easy listening EE:English FF:French GOS:gospel IRN:Interstate Radio Net LSR:local sunrise LSS:local sunset NBA:National Basketball Assn NHL:National Hockey League NFL:National Football League NPR:National Public Radio OC:open carrier POL:political PSRA:pre-sunrise authority PSSA:post-sunset authority QRM:man-made interference QRN:natural interference QTH:location REL:religious ROK:rock 'n' roll RS:regular schedule \$:stereo SID:singing ID SRS:sunrise skip SS:Spanish SSB:Star Spangled Banner SSS:sunset skip TC:time check TT:test tones UC:urban contemporary UPI:United Press International



AM1300

THE NEWS AND SPORTS AUTHORITY

DDXD-East

NEWS AND VIEWS

Welcome to Stan Morss, who checks in for a local change, Bob Gilfert and G. Harley DeLeure. It's great to hear from all of you!

Leslie Wood of North Merrick, NY is looking for any info on where to purchase a Superadio II. Laurence Kearley had earlier mentioned *Home Hardware* in Ontario. Can anyone help Leslie closer to home?

Spent this weekend at Virginia Beach, some changes noted. I've included some here, and will get my notes straight for the remainder of the info for the next column since I am late with this as it is. Upcoming deadlines are April 3, April 17 and May 15. Conditions here really are showing the coming of summer!

SPECIAL

800 CKLW ON Windsor - 3/5 2015 Noted with local phone talk, ID as "The new AM 800, CKLW". In and out with SS, probably TWR. (DB-DE)

960 WPMR PA Mount Pocono - 2/20 2220 Rock music program with WPMR ID by program host at 2222. At 2241 "The station that was born to rock, 107.9 WPMR". Good signal over WELI. (JB-MA)

1000 WLNL NY Horseheads - Is using ID of "The Lighthouse". (LK-ON)

1050 WKDL MD Silver Spring - Back on the air with the "Kid's" format. Ex-WNTR. (DN-MD)

1170 WDIS MA Norfolk - 2/20 All talk, local and satellite mix. Semi-local all day. Ex-WJCC. "Discussion Radio." (SM-MA)

1480 CKDX ON Newmarket - 2/11 2025 Hockey game between the Newmarket Royals and Windsor Spitfires. Promo for Royals hockey "on AM 1480 CKDX". The log lists this as CKAN? (JB-MA) (I don't remember where, but I recently saw this call change - my log has already been changed! - db)

1550 WVAB VA Virginia Beach - 3/6 1200 Noted on the air with business talk, BRN programming. "All business 24 hours a day." After pattern change at 1800 was inaudible in the hotel in Virginia Beach. These 9 watts don't go very far! (DB-VA)

DX TESTS

550 WDEV VT Waterbury - 2/22 99% sure I had them, 1 series of code and lots of march music. Mostly poor and no voice IDs heard. (AM-VA)

640 WWJZ NJ Mount Holly - 3/1 0000-0037+ Good in WNNZ null with excellent test, IDs in voice, phonetic and CIDs noted 0001, 0011½, 0031-0033, music, station history and technical data inviting listeners to write and call. (RA-MA)

WWJZ NJ Mount Holly - 3/1 0000+ Bombed in, voice and code IDs, some music. Probably the most interesting DX program, content wise, that I've ever heard. (AM-VA)

WWJZ NJ Mount Holly - 3/1 0050-0105 Armchair copy on test. No problem at 125 miles. (EU-NY)

830 KBOA MO Kennett - 2/22 0100-0132 CIDs, VIDs and march music. QRM from WCCO and WQSI sloop. (BG-DC)

KBOA MO Kennett - 2/22 0100+ Good signal with voice and code IDs. Believe off early. (AM-VA)

73, *R. Gilfert*

KBOA **MO** **Kennett** - 2/22 0136 Heard weak to fair CIDs and march music over/under WCCO. 0143 heard very weak VIDs under WCCO. (DN-MD)
WKTX **OH** **Cortland** - 3/1 0049-0111+ Good mixing with CFJR, some fading with oldies and IDs to 0100 then VIDs, CIDs, TT and march music after 0100. (RA-MA)
WKTX **OH** **Cortland** - 3/1 0050+ Big signal, on already at 0050, voice and code IDs, tone, march music. (AM-VA)
WKTX **OH** **Cortland** - 3/1 0105-0130 Excellent. VIDs, CIDs, march music all cleanly copied. (EU-NY)
960 KGWA **OK** **Enid** - 3/1 0300-0310 Not heard, too much WFIR. (AM-VA)
1090 WMUS **MI** **Muskegon** - 2/5 0410 Heard fair to good CIDs and country music over/under local pest WBAL. (DN-MD)
1530 WVFC **PA** **McConnellsburg** - 2/22 0030-0040 Frequency check with tone and several IDs. Poor signal. (AM-VA)
1540 WSMI **IL** **Litchfield** - 2/24 0100 3 CIDs noted. (BG-DC)
WSMI **IL** **Litchfield** - 2/24 0100 Code ID, brief period of tone, test lasted less than two minutes, fairly good. (AM-VA)

UNID AND UNID HELP

740 WGSM **NY** **Huntington** - Could be DB-DE's Issue #18 UNID. Deer Park Avenue is a well known cruise strip here on Long Island and is heavily traveled during morning rush. Mount Pleasant Road intersects with Route 347, another heavily traveled rush hour artery in nearby Smithtown, and may have been mentioned as a reference point for some delay. CW doesn't seem to fit, morning show seems to be all talk. (EU-NY) (Thanks for the help, Ed - db)
1070 KNX?? **CA** **Los Angeles** - 2/5 Have been trying for months to get a legal ID from the west coast. At 1917, noticed a short interview type program about a new book just published. At 1930, show ended and heard something like: "Produced and recorded in our Los Angeles studios". Time check given was three hours behind eastern time. Never heard ID of any kind before station faded off into QRM and QRN land. Will assume it was KNX for CA #1. For some reason, I'm not overly excited about it! I really want an ID! (DN-MD) (I agree with your apprehension, as this was one hour before Los Angeles LSS. But it still could have been...keep trying! - db)
1070 UNID 2/25 2125 - Somebody with Hornets/Spurs basketball. Announcer sounded like he was "for" the Hornets. WNCT? (EU-NY) (The Hornets list provided by Jeff Multer shows WNCT on the network - db)
1340 WHAZ? 3/1 0030 - I heard "Tri-Cities weather on WHAZ". Of course, it couldn't have been WHAZ on account of its being on 1330 at Troy, New York. (GHD-WV) (While I'm sure you have already checked these, there are: WHAT, Philadelphia, PA (but not Tri-Cities), WHAP, Hopewell, VA, between Richmond and Petersburg, and WHAR, Clarksburg, WV - db)
1570 W_TI 2/10 2300 - Sign off, signing off until 5:30 AM, "on behalf of W_TI, good night" then *Happy Trails*. (JB-MA) (WYTI, Rocky Mount, Virginia. Log even shows their sign off as 2300! - db)

0000 to 0800 ELT

590 WMBS **PA** **Uniontown** - 2/22 0607 Local and state news, mentioned the temperature in Uniontown was 28 and also an ad for a store at the Uniontown Mall. ID at 0611. (JB-MA)
640 WGST **GA** **Atlanta** - 2/3 0444 Heard "other Atlanta radio stations...only on WGST" in huge mess. (DN-MD)
WBOW **IN** **Terre Haute** - 2/6 0240 Quickly on top of a horrendous mess of stations with ID and easy listening format. Log says talk, but I'm sure it was EZL. Not at all bad for 250 watts. (DN-MD)
WCRV **TN** **Collierville** - 2/6 0201 Heard "now celebrating 30 years of service...WCRV" in pile. (DN-MD)
790 WTAR **VA** **Norfolk** - 2/22 0314 Fair with CNN news. (BG-DC)
800 WTMR **NJ** **Camden** - 2/21 0108 Poor with call letter ID under CKLW. (BG-DC)
810 CJVA **NB** **Caraque** - 2/5 0500 Poor to fair under WGY with FF news and talk. (DN-MD)
850 WNIS **VA** **Norfolk** - 2/22 0316 Poor, losing fight with WRMR, weather for Newport News. (BG-DC)
CKVL **PQ** **Verdun** - 2/5 0349 Very strong with FF talk over usual WRMR. (DN-MD)

910 CKLY **ON** **Lindsay** - 2/5 0120 My log says silent. Solid on top of frequency with rock and "910 Rock" slogan. (DN-MD) (Was reported on air last fall - db)
920 KDHL **MN** **Faribault** - 2/27 0640 With all of the high school basketball scores for Minnesota schools and other sports scores for Minneapolis schools, local ads and ID as "Your information leader, KDHL, Faribault". Strong with some fade. (LK-ON) (Good catch, Laurence! - db)
950 WBBF **NY** **Rochester** - 3/1 0559 End of a big band song then call ID with city mention and into the news. In null of WIBX. (LK-ON)
1040 WYFX **FL** **Boynton Beach** - 2/24 0335-0400 Very strong and stable with UC, promo for Black History Month, "Foxy 1040" slogan and "WYFX, Boynton Beach, West Palm Beach, Miami" ID on the hour. (EU-NY)
1070 CBA **NB** **Moncton** - 2/3 0430 Heard full sign on info and "O Canada" in confusion under usual pests WIBC and CHOK. Was terribly excited over this one as I couldn't figure out who was signing on at 4:30 am! First time ever heard. Was really trying for KNX, but this one made my morning. (DN-MD)
1090 CKKW **ON** **Kitchener** - 2/6 0437 Fair to good with local ads and "AM 109" ID under WBAL dead carrier and TT. (DN-MD)
1160 WYNS **PA** **Lehighton** - 2/7 0700 Fair up out of mess with legal ID. Never heard before. (DN-MD)
1270 WXYT **MI** **Detroit** - 2/21 0154-0224 Fair with CNN news, weather with Stan Rading, *Michael Reagan Show* at 0206. (BG-DC)
1310 WDPN **OH** **Alliance** - 2/8 0345 Up and briefly on top of frequency with easy format and ID. New here. (DN-MD)
1410 WDOE **NY** **Dunkirk** - 2/8 0407 In huge mess with tail end of news and ID, then back into *The Jim Bohannon Show*. New here. (DN-MD)
1420 WCOJ **PA** **Coatesville** - 2/1 0706 Only heard quick call letters in mess consisting of WCED, usual WKCW, and about a half dozen others, then gone. First for me. (DN-MD)
1450 WMAJ **PA** **State College** - 2/11 0621 Not much was audible except for clear ID in a jumble of stations. New here. (JB-MA)
1510 WWBC **FL** **Cocoa** - 2/24 0630 Preacher from Georgia talking about the Book of Revelation. Strong for a while, but really had to dig at ID time. Bad WSSH, WLAC QRM. (EU-NY)
1520 WVOI **OH** **Toledo** - 2/3 0224 Was really trying for KOMA, which I had never heard. WVOI was good on top of about three others with UC format. Finally got call letters during phone in request show after waiting about an hour! New here. WWKB off. (DN-MD)
KOMA **OK** **Oklahoma City** - 2/3 0232 Was listening to WVOI when KOMA overtook frequency briefly with time check, weather and local ads. Never heard before. WWKB off. (DN-MD)
KOMA **OK** **Oklahoma City** - 3/1 0152-0200 Weak, but there with WWKB off. An UNID tune, call letters and a mention of South Falls(?). Heard later with a call in show. An UNID SS there also for a while - WRAI? (EU-NY)
1550 WCLY **NC** **Raleigh** - 2/24 0558 Good with sign on, phone and address as in log, and "Gospel 1550" slogan. (EU-NY)
1570 CFOR **ON** **Orillia** - 2/22 0400 Poor; call letter ID under WPGC slop. (BG-DC)
CFOR **ON** **Orillia** - 2/24 0537 In very briefly with temperature check and calls. (EU-NY)
1590 WGGO **NY** **Salamanca** - 2/10 0609 Up briefly over others and mentioned "for news, information and weather it's WGGO". Faded under WARV but sounded like news till 0620. (JB-MA) (I'm beginning to feel like the only DXer on the east coast who hasn't heard this one! - db)



1050 WEVD

1060 CJRP

690 WZAP

NY **New York** - 2/1 0904 WNTR off the air due to sale. Heard "New York's greater 1050...WEVD" over top of three others. First for me. (DN-MD)
PQ **Quebec** - 2/5 1506 Presumed, since I don't know much French! Heard FF talk over/under KYW. Don't think I've ever heard them this early. (DN-MD)

1600 TO 2400 ELT

VA **Bristol** - 2/5 1645 Fair to good with religious format and ID, over/under CBF. (DN-MD)

890 WHNC NC Henderson - 2/25 1757-1800 Strong and alone on channel with Eric Clapton's *Tears in Heaven* followed by full data sign off. Nice to hear such a detailed sign off announcement. (MD-MA)

920 WBBB NC Burlington-Graham - 3/1 1731 With the local weather and a time check and an ad for a Burlington business and "now back to ?? on 920 WBBB". Weak with fade in null of WIRD. (LK-ON)

970 WFUN OH Ashtabula - 2/5 1643 Over and under WWSW with local ads, time check and ID. New here. (DN-MD)

WWSW PA Pittsburgh - 2/5 1642 Fighting it out with WFUN for dominance on frequency. "3WS" ID. (DN-MD)

980 WILK PA Wilkes-Barre - 3/1 1755 An oldies song, *Ruby*, then a call ID on the hour and into news. Faded and weak in slot from CKCH and over WTRY. (LK-ON)

1010 CFRB ON Toronto - 2/5 1643 Good to very good over WINS. Heard a hundred times, but never so early and strong on top of frequency. (DN-MD)

1050 WADC WV Parkersburg - 2/5 1646 WNTR off due to sale of station. Heard "right here on AM 1050, WADC" then back into Nostalgia format. On top of horrendous mess, then gone. (DN-MD)

1070 WAPI AL Birmingham - 2/5 1825 Still looking for KNX. Found this one simulcasting news from a local TV station, although never found out which one. Broke away for local spots and ID. In midst of another pile up, then gone. (DN-MD)

WKOK PA Sunbury - 2/5 1700 Trying for KNX again, but noticed an oldies format and part of legal ID at top of the hour: "...AM...WKOK...Sunbury...sylvania". (DN-MD)

WINA VA Charlottesville - 2/9 1735 Business report program and an ad for a local stock brokerage. Then a musical WINA ID and into CHR type song. (JB-MA)

1090 KAAY AR Little Rock - 2/5 1843 Fair to poor under WBAL with local ads and gospel music. Happy about this one! #1 for AR. (DN-MD)

1130 WCXI MI Detroit - 2/5 1654 Poor under WBBR with country format and ID. (DN-MD) (Dave, this is WWWW now - db)

1160 WCCS PA Homer City - 2/5 1620 In splatter and muck from local irritant WMET (1 mile away on 1150) while at the same time fighting it out with semi-local WPVG, came up long enough for me to get a call sign, then gone. (DN-MD)

1360 WIXZ PA McKeesport - 2/17 2140 Caught the end of an interview for a high school basketball game. Mention of the South Park Eagles and promo for next game. In quite well in WDRC null. (JB-MA)

1370 WXXI NY Rochester - 2/18 2246-2317 Poor to excellent, "Third Shift" show with jazz music. (BG-DC)

WJWS VA South Hill - 2/8 1710 Ad for auto dealership in NC and mention of State Road 58. Then good clear WJWS ID but faded under WKMC. (JB-MA)

1600 WBBD WV Wheeling - 2/5 1755 NOS format and legal ID at top of hour, all this with 30 watts just ten minutes after switchover??? Could be, but think someone forgot to throw the big switch! I'll take it anyway. Never heard before. (DN-MD)

AM 1100

TIS AND OTHER STUFF

530 TIS VA Alexandria - Less than a mile from home QTH. No call given, passes parking info for Washington National Airport. (BG-DC)

530 KEC83 MD Pikesville - 2/23 Relays weather from NOAA site at BWI Airport. Is //162.400 MHz. Say they are "broadcasting from the WDJC tower in Pikesville". Monster signal. Heard for over 60 miles on 1-83 and I-95. (BG-DC)

610 WNZZ263 VA Virginia Beach - 3/6 1300 Noted on this frequency, ex-1620, with same old Virginia Beach promos. (DB-VA)

REPORTERS

RA-MA Ray Arruda, Acushnet, MA: SX-122, HQ-180A, Radio West Loop, Palomar Loop

JB-MA Jim Bagge, Springfield, MA: R5000, 20 foot vertical (New radio, Jim?)

GHD-WV G. Harley DeLeure, Hendricks, WV:

MD-MA Marc DeLorenzo, Framingham, MA: Hyundai Car radio

BG-DC Bob Gilfert, Washington, DC: DX-440 barefoot, Hyundai Car radio

LK-ON Laurence Kearley, Orleans, ON: Superadio II, Select-a-tenna

AM-VA Alan Merriman, Annandale, VA: Drake R8, 2-75' slopers feeding MWDX-5 phasing unit, 2' Lankford Loop, Quantum Loop

SM-MA Stan Morss, Bedford, MA: HQ180A, SM2

DN-MD Dave Norment, Germantown, MD:

KDR
BOX 34478
SAN ANTONIO, TEXAS 78265

530

530

1130

610

EU-NY Ed Urzi, Centereach, NY: R-5000, LW
DB-DE Dave Braun, Wyoming, DE: R-2000, Palomar Loop
DB-VA Dave Braun, Virginia Beach, VA: R-2000, Sony AN-1

Verification Signers

Signatures and other information received upon request

<u>Freq.</u>	<u>Call</u>	<u>Verie Signer</u>	<u>Contributor</u>	
550	WAYRI	David Weer D	KJ	1160 WOBM Stuart Greenblatt M
550	WICE	Norm Allebaugh CE	ES	1160 WYRUI Gene Hanrahan GM
580	WELOlmb	Jim Duke OpM	RT	1180 WJJF Bob Barber OpD
590	KIDlmb	Todd Richardson PD	MS	1210 WOGL Sam Virgillo Tsu
590	WCABl	Malcolm Watson GM	KJ	1240 KSAC Richard Irwin OpM
610	WAQSltz	John Woodstock PD	RT	1240 WHVNI Scott Scarbrough PD
630	KHÖW	Craig Roberts CE	MS	1260 KPOW David Merkel GM
630	WAUJ	Warren Penney GM	RT	1270 KLXXplub Carl Fischer PD
640	KFI	Marvin Collins CE	MS	1270 WTSN Paul LeBlanc OpM
640	WCRVlmbz	Mark Loeffel GM	WH	1300 WMTNlmz Tim Crews RT
650	KMTI	Douglas Barton GM	MS	1310 KJIX "Charlie" Tuma
660	WESCPU	U/U	MH	1310 WDCTlq David F. Reeder GM
690	KEWII	Charlie Bottnerberg DoE	WH/OW	1350 KYXZpu Phil Hall P
780	CFDRI	Kendall Condon CE	RA	1390 WRIVI Bruce Tria P
780	WCKBI	Ron Tart CE	RA	1410 CFUNI Dave Youell CE
790	WLKW	Art Soares OpM	ES/RA	1420 KGIM! William Paul Hild MxD
820	WNYC	Stephen Cellum DoE	ES	1420 WIMSlmbs Robert J. Schiling CE
830	WMMO	Grady Bingham CE	ES	1420 WLIS Dave Thompson PD
850	WREF	Dennis Jackson CEO/CE	ES	1460 WEENI Billie E. Speck GM
910	WENZ	Bobby Gray CE	ES	1460 WPXNlb Jon Martin O/GM
920	CKNXf	Gerald Belander DoE	KJ	1480 WKGF! Quick Coddington CE
920	KDES1q	Joseph V. Tourtelot VP/GM	MS	1510 KANSZU R.R. "Dick" Carter
920	WAFSI	Robert D. Lipscomb CE	MH	1520 WTRII Liz Roberts O
920	WKVAI	John Dillon CE	RA	1540 WSM1q Brian Talley CE
950	KXTO	Tanya Meadows OpM	MS	1540 XEHOspu U/U
950	WSPAq	Craig Turner	MH	1550 WARDpu James F. Ward P
950	XEGMpu	U/U	OW	1570 KNDY! Bruce Dierking GM
960	WRFCI	Hugh Christian P	MH	1570 KPRO Bill Kolb M
990	WVSClbh	Harold Showman CE	RT	1590 KWEYlb Raymond M. Bagby E
1010	KBISz	U/U	WH	
1020	WNTKlm	Robert L. Vinikoor P/GM	MH/RT	
1040	WSGHlm	Lewis B. Hughes GM	RT	MH Mike Hardeste NC
1050	WEVDq	George B. Levites CE	RT	ES Elliot R. Straus NJ
1090	KTNS	Larry W. Gamble CEO	KJ	Karl Jeter GA
1100	KFAXlmz	Katherine Boggess P Dept	MS	Mike Sanburn CA
1110	WNAP	U/U	ES	RA Ray Arruda MA
1120	XEMXpu	U/U	RT	Robert Tiara NC
1130	CKWXqzbz	Sandra Gilmore ExA	MS	Wayne Heinrich CO
1130	KLRSI	Joe Davis	OW	John Wilkins CO
1130	WBFR	Caitlin Kelch	ES	CPC NRC CPC
1140	XEMRpu	U/U	OW	
1150	KCKYlm	Bill Oostenburg CE	MS	
1150	WELCI	John Sidote COp	KJ	

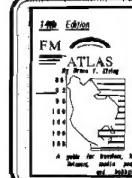
Contributors ...

Mike Hardeste NC
Elliot R. Straus NJ
Karl Jeter GA
Mike Sanburn CA
Ray Arruda MA
Robert Tiara NC
Wayne Heinrich CO
John Wilkins CO
NRC CPC

73
Wayne

Bruce Elving's FM Atlas...14th Edition

The world-famous guide which has served FM DX'ers for over 20 years is now available from NRC Publications at the special price of \$12.00. NY orders, please add sales tax.



International DX Digest

Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

I managed to give my work number (the church office) in a recent IDXD in inviting calls on Sunday nights with last minute tips. The correct home telephone number is 716-461-2717. This week, however, the column goes into the mail on Saturday instead of Monday because of travel plans. Welcome to new reporter Elliot Straus!

JIM

TRANS-ATLANTIC DX

684 SPAIN Seville, 3/3 0125 - RNE program with man and woman in Spanish, telephone talk show, excellent. [ES-NJ]

747 NETHERLANDS Flevoland, 2/28 0245 - Excellent (S-40) for about 10 minutes, pop vocals, female Dutch announcer, programming like a lite-FM US station. [ES-NJ]

855 SPAIN Murcia, 3/3 0145 - Same program as 684, but poorer signal. [ES-NJ]

963 FINLAND R. Finland, Pori, 2/27 2221-2226 - English program, interview with a business man who does lots of business with Russia. Deep fades. SIO 332. [JB-NF]

1008 NETHERLANDS NOS, Flevoland, 2/27 2025 - Man and woman in Dutch discussing church matters. SIO 333. [JB-NF]

1026 NORTHERN IRELAND Downtown R., Belfast, 2/27 2016-2031 - Faded up briefly at 2016.5 with some giveaway promo that included 3 IDs and their telephone "hotline" 0574 279898. Frequency dominated by SER station and station with opera SIO 222. [JB-NF]

1044 SPAIN R. San Sebastian, 2/27 2014-2016 - Spanish play-by-play of Deportivo Logroño vs. Real Madrid football game (SER net program). SIO 444. [JB-NF]

1044 MOROCCO Sebaa Aioun, 3/1 0630 - Presumed the one with Arabic recitations, woman talking. [ES-NJ]

1242 UKRAINE Ukrainian R., Kyiv?, 2/27 2158-2215 - Ads in Ukrainian, ID at 2159, IS just before the hour, at 2200 pips, talk with short pieces of pop music between items. Deteriorating quickly, SIO 344-232. [JB-NF]

1251 HUNGARY Magyar R., Nyiregyháza, 2/27 2040 - Woman talk Hungarian,

Jim Renfrew
61 Wilcox Street
Rochester, NY 14607-3832

mentioned "Magyar" at 2040.5, increasing QRM from Arabic station, presumably Libya. SIO 333. [JB-NF]

1260 ENGLAND BBC R. York, Scarborough, 2/21 2006-2032 - Jazz music, caught "You are tuned to Jazz North. I'm Stu(?) Boyd" at 2006.5 then more jazz. Frequency dominated by R. Valencia and QRM from other Brits, too. SIO 232-1. [JB-NF]

1260 ENGLAND Brunel Classic Gold, Bristol, 2/21 2017-2021 - Peaked briefly over R. Valencia with promo for Indian music program, at 2018.5 harp doodle and "Classic Gold" ID, then song "Bang a Gong". There was another station underneath playing Indian film music - probably Leicester. SIO 222. [JB-NF]

1287 SPAIN R. Lugo, 2/7 2011-2026 - Local Spanish sports talk program, mentioned Lugo a number of times, excerpts of play-by-play of a game (probably football), at times mixing with another Spanish station, probably R. Lleida. Both stations picked up the net program "Carousel Deportiva" at 2025. SIO 232. [JB-NF]

1359 SPAIN RNE R. 1, Arganda, 2/21 2129-2135 - Huge signal, the strongest Spaniard by a wide margin, fanfare at 2130 and talk regarding picadores and matadores, talk regarding films at 2135. SIO 332. [JB-NF]

1395 ALBANIA Lushnje, 2/25 2210 - News in English by a woman, fair for about five minutes, then gone. [ES-NJ]

1476 AUSTRIA ORF Wien, 2/27 2104-2120 - ID, then began program at 2105 with orchestral version of Hendrix riff, began with talk later played a string quartet, over Dubai. SIO 332. [JB-NF]

1476 UNITED ARAB EMIRATES UAE RTV, Dubai, 2/27 2105-2120 - Arabic news under Austria, seemed to end at 2109.5, caught "...mutahida min Dubai" at 2112.5, then commentary regarding America. Military-like music at 2115, then short pieces of Arabic music with man and woman talk in between. Seemed // 11795. SIO 222. [JB-NF]

1485 ENGLAND BBC R. Merseyside, Wallasey, 2/21 1959-2004 - Music, ID then interview with man who was very critical of British relations with Iraq before the Gulf War. QRM from BBC R. Humberside. SIO 222. [JB-NF]

1485 ENGLAND BBC R. Humberside, Hull, 2/21 1959-2004 - Jazz program called "North Jazz", only possibility // BBC R. York on 1260. Generally under Merseyside. [JB-NF]

1503 POLAND Polskie R., Stargard, 2/27 2129-2131 - Chopin piano IS with "Polskie Radio Warsawa" IDs, program in Esperanto began at 2130. SIO 343. [JB-NF]

1548 MOLDOVA R. Moscow, Grigoriopol, 2/27 2100 - Moscow IS, sign-on in Italian with ID. Over the Brits, SIO 322. [JB-NF]

1584 SCOTLAND R. Tay, Perth, 2/27 2238-2255 - Frequency was a mess of stations, this one faded up briefly at 2238 with pop music, ID at 2240, ads, frequent jingles, birthday wishes at 2243, faded up with ad for something in Dundee at 2248.5, again at 2255. SIO 222-1. [JB-NF]

1584 ENGLAND BBC R. Nottingham, Clipstone, 2/27 2249-2302 - In the mess, program of black music that was mainly reggae and rap, 3 or 4 IDs around 2257, promo for an "Action Line", quiz with question about the film "Malcolm X". SIO 222-1. [JB-NF]

1640 NETHERLANDS R. Barones (Pirate), 2/13 0053-0107 - Man in English with Dutch accent played oldies (Badfinger, Cher and Peter Sarstedt), gave address of Dutch Pirate Radio Service (12 Dorman Rd., Preston PR2 6AS, England) at 0054, clear ID at 0100. SIO 232. [JB-NF]

PAN-AMERICAN DX

555 ST KITTS, 2/26 0035 - English discussion about taxis, fair (reception and topic!). [ES-NJ]

885 MONTSERRAT, 3/6 0237 - Soca music down deep in the mud finally surfaced at this time with an AST timecheck, faded before the hour. Still looking for an ID on this one. [JR-NY]

1000v COLOMBIA RCN Cartagena, 3/5 0435-0458 - Quite strong though either this or someone else was slightly off frequency, with RCN news items, slogans "RCN, en todo de los estados", possible sign-off

13
announcement, although it may have faded under Radio Mil at this time. [JR-NY]

1375 ST PIERRE ET MIQUELON 2/27 2320 - Pops in French and English, female announcer in French, fair. [ES-NJ]

STATION NEWS

BAHAMAS: Richard Palmer of Decatur IL sent a copy of his letter from James C. Krok, Hawkline Group (Bahamas), LTD, Stella Maris International Airport, P.O. Box SM 30-167 Long Island, Bahamas (Telephone: 1-809-359-9507), regarding his reception of the non-directional beacon on 526 kHz. The Hawkline Group apparently manages the airport and its various services and functions, including ZLS. Mr. Krok's title does not appear in the letter.

"I appreciate your sending the information about having received the ZLS beacon all the way in Decatur. The beacon is an FAA-certified transmitter, and I've passed along your data to the FAA's Caribbean Field Sector Office in Miami, Florida, for a response. I'm sure you'll be hearing from them. The technician in charge of this location is always pleased to hear from operators who've picked up the beacon. The FAA's office will send you technical details, but I can tell you that the equipment is a Nautel 500-watt transmitter presently running at 400 watts into a Polestar antenna. You probably received the Bimini beacon (also an FAA installation) a little better because it's a 2000-watt transmitter. Our higher frequency gives us better coverage. The transmitter here has an audio capability, generally used for taped local weather reports. It's not being used here, but if the FAA ever gives me a microphone, I'll be sure to say 'hello'."

Richard adds that he has heard nothing so far from the FAA Miami office. Thanks, Richard, for sending along this eagerly desired information.

CORRECTIONS

From Jean Burnell: My log of BBC Lincoln on 1368 (12/18/92) was in error. Tentative report to station said it was not them broadcasting the song I reported. Very kind of them to reply to me! Also, Dutch pirate on 1636 (12/18/92) was R. Toekomst, with a report regarding R. Nooitgedacht. Toekomst has QSled. [JB-NF]

CONTRIBUTORS

[ES-NJ] Elliot Straus, Toms River NJ; R-390A, Quantum loop, LW's.
[JR-NY] Jim Renfrew, Rochester, NY; Sony ICF-2010, Radio West Loop.
[JB-NF] Jean Burnell, St. John's NF; Icom IC-R71A, 12m wire at home, or 200m wire at Outer Cove.

Metro Washington AM Call Letter History

By Thomas H. White

This is a review of all the AM stations which have operated in the greater Washington, DC area, from 1921 to 1992. Hopefully I've included every single station; I would appreciate information about any omissions or mistakes.

First off, an overview of broadcasting over the last eighty years, and how it relates to the Washington area:

1912 to 1926 – Beginning in 1912, radio was regulated by the Bureau of Navigation of the Department of Commerce. In the Washington area a number of government stations, including the Navy's NSF-NOF in Anacostia, D.C. and the Post Office's WWX in Washington, were the first area stations to conduct pioneering experimental broadcasts.

In December, 1921 the Commerce Department formally established a broadcast service, with 360 meters (833 kilohertz) set aside for entertainment broadcasts, and 485 meters (619 kHz) designated for official government market and weather reports. (In the Washington area, only WQAW ever received an authorization for 485 meters). The single entertainment wavelength meant that stations were supposed to negotiate timesharing agreements, to keep from interfering with each other. On at least one occasion this failed. During December, 1922 WDM and WJH started transmitting simultaneously on 360 meters on Sunday evenings, drowning each other out. The stations eventually settled their dispute, after receiving bad publicity nationwide for their lack of civic-mindedness.

The first broadcast station authorized in the Washington area was WJH, the White & Boyer Company, on December 8, 1921. WJH tied with four other stations as the nation's 11th to receive a broadcast licence. Both WDM, the Church of the Covenant, and WDW, the Radio Construction and Electric Company, received licences on December 22, 1921, tying for 25th place nationwide. I'm not sure which of these three stations was first to actually go on the air, although it may have been WDM, which began broadcasting church services on January 1, 1922.

In late September of 1922 a second entertainment wavelength of 400 meters (750 kHz) was assigned for better quality, higher powered stations. Stations on the new wavelength were designated "Class B" outlets, while those on 360 became known as "Class A" stations. About thirty stations nationwide would eventually qualify to use 400 meters, although none was located in the Washington area.

On May 15, 1923 the broadcasting service was greatly expanded, with the designation of a band of frequencies, in 10 kilohertz steps, from 550 to 1350 kilohertz. 550 to 1040 were set aside for Class B stations. Under the initial allocation 640 and 690 kHz were assigned for use by Washington area Class B stations. Class A stations were assigned to frequencies from 1050 to 1350 kHz, although existing stations were permitted to stay at 360 meters, as "Class C" stations. In November, 1924 the upper end of the broadcast band was extended from 1350 to 1500 kHz, providing 15 additional Class A frequencies.

Although Washington was a major early center for broadcasting, the first stations to go on the air were operated primarily for publicity purposes, and had relatively short lifespans. None of the first ten broadcast stations, licenced in 1921 and 1922, survived past 1925. However, four current Washington area stations can trace their origin back to the 1920s: WWRC-980 (established June, 1923 as WRC), WOL-1450 (December, 1924 as WRHF), WMAL-630 (October, 1925), and WTOP (September, 1926 as WTRC in Brooklyn, New York).

Until mid-1922 new broadcast stations received three-letter calls. After that, the Commerce Department generally assigned Eastern stations four-letter calls with first "A" and then "B" as the third letter. Later stations generally received specially requested calls, normally four-letter, although a few, including WRC and WOL, got three-letter ones.

1926 – Commerce Secretary Herbert Hoover knew his authority to regulate broadcasting was shaky under the 1912 Act, but despite his pleas Congress never acted to strengthen his powers. Finally, adverse legal opinions stripped away his regulatory authority. Scores of new stations took to the airwaves or jumped to frequencies of their own choosing. Chaos was reported nationwide – although not in Washington. In the D.C. area no new stations were started up during this period, and only WMAL appears to have changed its frequency.

APRIL 27, 1927 – The Federal Radio Commission, newly created by Congress to straighten out the broadcasting mess, began a year- and-a-half long process to reassign stations to non-interfering dial positions. During this period the FRC made some frequency changes in the Washington area, but overall this period was fairly calm and no area stations were threatened with deletion, unlike the more congested regions of the country.

NOVEMBER 11, 1928 – The FRC finally implemented a nationwide reassignment of station frequencies, with stations now classified as Local, Regional, and Clear Channel. All five stations in the Washington area, except NAA, were assigned new frequencies. However, none was required to share its frequency, which was the practice in more congested areas.

MARCH 29, 1941 – In conjunction with the expansion of the broadcast band to 1600 kHz, a major frequency reallocation was implemented nationwide. Four of the six Washington area stations were shifted up in frequency, by 30 and 40 kilohertz.

POST-WORLD WAR II – The Federal Communications Commission greatly reduced interference and economic standards, which resulted in thousands of new stations nationwide, especially in suburban areas. This sparked a major increase in the number of Washington area stations.

The Washington Area charts which follow list a total of thirty area AM stations currently in the Washington area, including Annapolis, Maryland and Manassas and Leesburg, Virginia. However, there are now more stations than can be economically supported. Some of these stations are currently silent and unlikely ever to return to the air.

Following are the major sources used for compiling the charts:

- *Radio Service Bulletin*. Issued monthly, beginning in January, 1915 by the Bureau of Navigation, Department of Commerce.
- *Commercial and Government Radio Stations of the United States*. Annual list issued as of June 30th for 1920 through 1931 by the Department of Commerce.
- *Broadcasting Stations of the United States*. 2/2/31, 1/1/32, and 1/1/34 editions, issued by the Federal Radio Commission.
- *Radex* magazine. Station lists appearing in the summer 1931 to 1941 issues.
- *Radio Daily's "Radio Annual"*. Various issues from 1938 to 1964.
- *Broadcasting Yearbook*. Various issues from 1940 to 1970.
- Department of Commerce card files, and station "History Cards" on microfiche, at the Federal Communications Commission, 1919 M Street, NW, Washington, DC
- *Education's Own Stations*, by S.E. Frost, Jr., The University of Chicago Press, 1937. (Bliss Electrical School-WBES, Catholic University-WQAW, and Young Men's Christian Association-WABE)
- Personal records and recollections, 1968 - 1992

The format used in this review was originally developed by Bob Harrison, for his "Metro New York Call Letter History".

NOTE: Below are notes for the three Metropolitan Washington charts. The charts are generally arranged in frequency order. Stations sharing time on a common frequency are listed with periods separating the columns.

CHART #1

Five stations, all located in Washington, spent their entire lives on 360 meters (833 kilohertz): WDW was owned by the Radio Construction and Electric Company. At best it had only a limited career, since its only licence was a 30-day authorization which was never renewed; WPM's owner was Thomas J. Williams, an electrical supplier, who had put WDM on the air, and was located at 1324 New York Avenue, NW; WIL was operated by the Continental Electrical Supply Company, at 808 Ninth Street, NW; WEAS was one of two Washington stations operated by a department store – in this case the Hecht Company at Seventh and F Streets, NW; WHAQ was owned by the Semmes Motor Company – its address, unfortunately, was not listed by the Radio Service Bulletin.

Other early stations reviewed include WABE, operated by the Young Men's Christian Association in Washington; WMAL, originally owned by the M. A. Leese Optical Company at 712 Eleventh Street, NW; and NAA. NAA was built in 1913 next to Fort Myer in Arlington, VA, and operated by the U.S. Navy. In the mid-twenties NAA started to transmit on the broadcast band. Although its broadcasts occasionally included band concerts and speeches, it was most famous for its night time signals.

Two Washington stations, WRC, owned by the Radio Corporation of America, and WCAP, owned by Chesapeake and Potomac Telephone Company, shared time on 640 kHz, a Class B frequency. WRC was originally located atop the Riggs Building at 3308 Fourteenth Street, NW. WRC and WCAP represent a struggle for the domination of broadcasting which occurred between RCA and American Telephone and Telegraph. RCA kept finding itself playing catch-up in the first half of the twenties. First rival Westinghouse set up a series of stations which pioneered the broadcasting industry. Then AT&T invented network broadcasting, using its telephone lines to connect a "chain" of stations, including WCAP, carrying programs that originated at AT&T's WEAF in New York. RCA countered with a small chain of its own, including WRC, crudely connected by telegraph wires to RCA's New York station, WJZ. In 1926 RCA bought out all of AT&T's broadcasting interests. As a result the "WEAF Chain" became the "NBC Red Network", the

"WJZ Chain" formed the core of the "NBC Blue Network" and WCAP was deleted, allowing WRC to become a fulltime station. In 1984 RCA sold WRC, and the station became WWRC, although it still calls itself "WRC" except for the hourly legal ID.

The other stations on this chart, and the source of some of their callsigns, include: WGMS-570 Bethesda, MD ("Good Music Station"); WCPT-730 Alexandria, VA, which for a period of time was WPKX ("Kix Country"), for a few months was WMRM ("Remember Radio"), and for an even briefer period was WCXR ("Classic Rock") simulcasting its FM sister station; WREH-740 is currently under construction in Reston, VA; WABS-780, Arlington, VA (both WARL and WAVA commemorate the station's city of licence), which is claimed to have originated the term "Country Music", growing out of WARL's "Town and Country" program; WYRE-810 Annapolis, MD; WILC-900 Laurel, MD; WCTN-950 Potomac, MD ("Christ To the Nation"); WNTL-1030 Indian Head, MD ("International"), originally was WBZE, honoring WBZ-Boston, which is on the same frequency (WBZE's sign-off message suggested staying tuned to the frequency and listening to WBZ overnight); and WNTR ("News Talk Radio"), which in an earlier incarnation was WQMR ("Quality Music Radio"). This station was originally WGAY, named for its light-music format. It was later bought by a local DJ, Connie Gay, who wanted to own the station that was his namesake.

CHART #2

Five Washington stations that began on 360 meters (833 kilohertz) in 1921 and 1922 later moved to Class A frequencies. WJH was owned by the White & Boyer Company at 812 Thirteenth Street, NW; WIAY was operated by the Woodward and Lothrop department store, which presumably was located in the downtown shopping district; WDM was owned by the Church of The Covenant, a Presbyterian church located at 18th and N streets, NW. In the sixties the church was torn down and replaced by an office building. This building's current occupants include the National Association of Broadcasters and the Broadcast Pioneers Library; WMU was owned by the Doubleday-Hill Electric Company at 715 Twelfth Street, NW (Doubleday-Hill also had a store in Pittsburgh, PA, which operated KQV); WQAW belonged to Catholic University in Northeast Washington.

Two stations with interesting histories began operating in the mid-twenties: WRHF and WBES. WRHF ("Washington Radio

Hospital Fund") initially located at 525 Eleventh Street, NW, was set up to broadcast to hospitalized veterans. It later became WOL. In 1950 WOL swapped calls with WWDC, whose owners had bought out the WOL's facility. WBES ("Bliss Electrical School") was located in Takoma Park, MD, using equipment purchased from Woodward and Lothrop when the department store discontinued operation of WIAY. In the middle of 1928 WBES was sold and moved to Salisbury on Maryland's Eastern Shore, where it became WSMD, expiring the next year. Later stations include: WUST-1120 in Washington, named for its studio on "U Street", which earlier was WBCC in "Bethesda-Chevy Chase"; WMET-1150 Gaithersburg, MD, ("Metro"), whose earlier WMTG call reflects its location in "Montgomery County", while WJOK ("Joke") commemorates an innovative but unsuccessful attempt at an "all comedy" format; WANN-1190 Annapolis, MD; WAGE-1200 Leesburg, VA; WFAX-1220 Falls Church, VA; WDCT-1310 ("D.C. Talk"), Fairfax City, VA (WFCR probably comes from its city of licence); WYCB-1340 Washington ("Your Community Broadcaster") which took over after WFAN lost its licence; WMZQ-1390, Arlington, VA, named after its sister FM station - "WMZQ" was the closest thing available phonetically for "Music"; WNAV-1430 Annapolis, MD, home of the "Naval Academy"; WRHX-1440 Herndon, VA, which has never used its current call because it has been off the air for the greater part of a decade and no longer has a studio or antenna site. WOHN refers to the "Radio One" slogan it used before going under.

CHART #3

All the stations on this chart are recent ones, although not all are currently on the air. WTOP-1500 has an unusual history - it turns out to be a carpetbagging Northerner. During the breakdown in broadcasting regulation in 1926 the "Twentieth Assembly District Regular Republican Club, Incorporated" put 50-watt WTRC on the air in Brooklyn, New York. Someone may have felt they would have more political clout if the station increased power and was located closer to Washington, for in late 1927 the station moved to Mount Vernon Hills, VA, and was now rated at 10,000 watts. A few years later the station moved to Alexandria, VA and a couple of years after that it made it to Washington. The current call WTOP promotes the station location at the top of the radio dial.

The remaining stations have more conventional histories. WOL-1450, Washington originally was WWDC until its

owners swapped facilities with WOL; WPRW-1460 Manassas, VA and WPWC-1480 Dumfries, VA both have calls that document their location in "Prince William County" (WQVA comes from WPWC's original city of licence of Quantico, VA); WDAW-1530 hopes

to go on the air someday in Haymarket, VA; WMDO-1540 is "Radio Mundo" in Wheaton, MD; WPGC-1580 hails from Morningside, MD in "Prince Georges County", and WINX-1600 closes out the dial in Rockville, MD.

Metropolitan Washington Chart #1

1922	WDW	—	—	—	WEAS	WHAQ						
1923	833	WPM	WIL	833	833	833						
1924	—	833	833	833					WRC	WCAP		WABE
									640	640		1060
1926	—	—	WMAL	NAA								
			1410	690								
1927	1020											
			1310									
1928	990											
			1240									
11/11	630	690										950
1928												
1930												
1935												
3/29	630											980
1941												
1945	WQQW	WPIK	WARL	WASL								WGAY
	570	730	780	810								1050
1950	WGMS				WABW							
1960			WAVA									WQMR
1970				WYRE	WLMD	WXLN						WGAY
				900	950							
						WCTN						
1980	WPKX	WABS			WILC				WWRC	WBZE	WNTR	
	WRMR											
1990	WPKX	WREH										1030
	WCXR											WNTL
	630	WCPT	740									980

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Metropolitan Washington Chart #2

1922	WJH 833	WIAY 833	WDM 833	WMU 833	WQAW 833 1270
1923	1140			1150	
1924	1100				
1926	1100 --	1110 --	1280 --	WRHF 1170	WBES 1350
1927				940	1010
1928				930	1130
11/11 1928			WOL 1270	WSMD 1310	
1930			1310		
1935				1230 1260 1310 1340	WINX
3/29 1941		WANN 1190			
1945	WBCC 1120		WFAX 1220	WWDC WFOOK WFCCR WEEL 1310	WEAM 1390 WNAV 1430
1950	WUST				
1960	WHMC 1150		WAGE 1290		WHRN 1440 WOHN WFAN WYCB
1970					
1980	WJOK WMTG WMET		1200	WDCT WMZQ	WRHX
1990				1260	

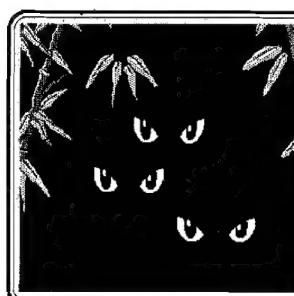


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Metropolitan Washington Chart #3

1922			
1923			
1924			
1926			WTRC 1250
1927			1470 WTFF
1928			1480 WJSV
11/11 1928			1460
1930			
1935			
3/29 1941	WWDC 1420 1450		1500 WTOP
1945			
1950	WOL		WOOK 1590
1960	WPRW 1460	WQVA 1530	WDON 1540 WPGC 1580 WINX 1600
1970		WPWC	
1980			WMDO 1480
1990			WDAW 1530



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Musings

of the Members

Dave Schmidt

P. O. Box 11502

Wilmington, DE 19850-1502

Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

SHAWN AXELROD - 30 BECONTREE BAY - WINNIPEG, MB R2N 2X9

----- Well, another successful DXpedition to Valhalla Beaches' DX site has come and gone. The winter here in the Great White North has been worse than usual. It has been either too cold or driving has been to bad to make it out to our favorite sight. WAYNE MCRAE & I finally said lets do it and see how far it goes. We were pleasantly surprised that the few days of warm weather 2 weeks ago melted enough snow to make the 1200 foot walk in quite easy. Last time, with the snow knee to waist deep, even pulling a toboggan full of equipment was a 2 man job with at least 7-8 stops to catch your breath. This time, we walked out quite easily with only 1 stop. Around the bus, though, the snow was still about 3 feet deep! The DX was not to great but 3 new Cubans and 2 new US stations aren't bad for 1 night. We did go out to start our cars at 11PM to make sure they would be OK in the -22C degree temps. Mine froze up once so now we start them at least once a night. Wayne had planned to stay 1 more night but with an overnight low of -28C plus a wind chill of about -35C, he decided to head back the same day I did. Even my IC-OM was to cold to work right, it had to warm up at least 15-20 minutes so it would operate right! See what you are missing? That's all for now. 1993 is turning out to be a good DX year thanks to the DX TESTS, a BIG thanks to all who work on those projects. I have gotten NH & RI for new states in '93 and it's only Feb.! 73 & Best of DX to all.

ERIC BUENEMAN (NØUIH) - 631 COACHWAY LANE - HAZELWOOD, MO 63042-1347

----- In looking at the St. Louis market scan in issue 16, I found 2 stations missing from the 1930 market scan, KMOX & KFUO, and KFUO was also missing from the 1948 market scan. In 1930, KMOX was on 1090 and KFUO was sharing time with KSD (now KUSA) on 550. KMOX has been on the air continuously since 12/24/26 and KFUO has been on the air since 1924. In 1941, KMOX moved to their present 1120 position and KFUO moved to 850 about 1948, the same year KFUO-FM signed on 99.1. The Lutheran Church-MO Synod has always owned KFUO and CBS has owned KMOX since about 1929. In the 92 dial scan, the calls on 1260 are WIBV, those on 1380 are KASP and WINU moved to 880 from 1510 6/1/92. In addition, KLPW-1220, KSLQ-1350 & KREI-800 are NOT in the St. Louis market. KLPW-1220 & KSLQ-1350 are in the Franklin County market, KREI-800 is in the Cape Girardeau/Farmington market although its FM, KUJG-98.5, is widely heard in this market. It is also believed that WTMV-1490, which later became WAMV, moved to 590 about 1959 and became the original WRTW. The antenna system used currently by WRTW-1420 (ex-WTL) dates from 1942 and since WIL was listed as 1230 in the 1948 scan, it may be conceivable that the same system was used on 1230. The info on the WRTW-1420 system came from Ken Kuenzie who owns KSLQ-1350/104.5. About 1964-65, a group in Florissant, MO attempted to move WAMV-1490 to Florissant as KFLR (WAMV was silent). The owner of WAMV & WRTW-590 wanted to much for the 1490 spot (the Florissant group operated part 15 station KWB on 570 khz), so the deal fell through. The same happened with my plan to acquire KXEN-1010 25 years later. We all know that the CP on 690 became KSTL, signed on in 1949 but what happened to the CP for 1350 in the St. Louis area, which ended up getting assigned to Washington, MO in 84? The latest news is that KASB-1380 is now up for sale and has dumped its all-sports format (except for some soccer & minor league baseball) to simulcast CHR formatted WKBQ-106.5. Also, KEZK-590 is simulcasting KEZK-FM 102.5 soft AC format, pending the stations sale. Should the sale go through, Adams Communications would be left with the only combo in Charlotte, NC. My hours on KCFV-89.5 this go-round are Sat. 1600-2000 CLT and the request line # is 314-595-4472. 73

MARTIN M. WISHNIEWITZ - 35-34 84th STREET, APT D10 - JACKSON HEIGHTS, NY 11372

----- Greetings from the Big Apple! 1st, a long, long overdue congrats to ERNIE WESOLOWSKI and the 'Big O' Team for last summers convention in Omaha. I'm still looking at all the things I brought back with me. I picked up recently a Realistic DX380 for travelling. So far, it seems to be adequate, it has an outlet for an AM wire but I found it to be susceptible to some overload in my apartment, although all my portables are like that. Once removed from this location, they work great. Magne's review was decent for this model. I also ordered from Dr. Bruce Elving, a GE Superadio II. Seems he got a hold of a few units that were returned as I understand, so I decided to take a chance and get one through him. Anyone within range of WBAT 99.5 who likes old time radio should listen on Sat. 7:30PM. Here is a small request for this years convention, would it be possible to have a few technically minded members with tools who plan to attend, to have a table clinic to do minor repairs on radios? If the job turns out to be to big for a particular model, maybe the person can tell what is wrong with the set and what has to be done at the factory and if it's worth fixing. This would be great for non-technical people like me. WWJZ-640 is a semi-local here in Queens, NY but sounds better on the Atlantic side of Long Island. Sent a report while

they were running start-up tests and I'm still waiting for a reply. (I think just about everyone else is, too, Martin-DWS) The tic-toc on 590 is also strong in the early morning. Anyone testing yet above 1600? That's it for now.

DOUG SMITH (W9WI) - 14 BROOKSIDE COURT - NASHVILLE, TN 37209-4503

----- Thanks to TOM BRYANT & BILL BURROWS for alerting me and the rest of the NRC to KTWO's 30kw non-DA night operation, caught it tonight (2/25) for a new state. KTWO was a frequent visitor at sunset in Madison, WI but this is the 1st time I've heard them from Nashville. Last weekend, I travelled to Hannibal, MO for the ARRL (ham radio) DX contest, where I was an operator at station K4VX. This trip reminded me both of the value of the clear-channel AM stations, and of how much they've been eroded. The local Nashville TV news had indicated a chance of freezing precipitation about the time I left for Hannibal, and a possibility of snow in W KY and S IL. Obviously, not something one wants to travel in. So, as soon as I got in the car, I tuned in 1120 and listened to KMOX's weather forecast (St. Louis is over 250 miles from Nashville, ain't no FM station gonna cover that far without a big tropo!) Like clockwork, it was there, no problem with the weather in St. Louis. Then, on the way home on Monday morning, I wanted to know what to expect back home in Nashville. Of course, there was WSM-650 telling me I missed a 75 degree weekend! The downside: in both cases, there were plainly audible USA stations under WSM/KMOX. I never got more than 400 miles from either station, but both were subjected to quite a bit of interference. I can't imagine that any of the interfering stations presents anywhere near the public service to their community that KMOX/WSM do to theirs. Thanks to PAUL SWEARINGEN for sending the info on the silent, low power TV station in Topeka. K15BQ was a surprisingly frequent target for midwestern TV DXers. Speaking of TV DX, the 1993 WTDFA convention is to be held here in Nashville July 23-25 (I believe TOM BRYANT is sending more information). If you're going to be in or near Nashville that weekend, stop by! Feel free to write or call for more information.

GUY KUDLEMYER - 5669 D STREET - SPRINGFIELD, OR 97478-5414

----- In the early to mid 70's, I purchased a DX160 from Radio Shack. I was satisfied with the performance at the time, but as my DX expectations and discretionary income budget grew, I began to entertain thoughts of hot-rodding it. But because I am a non-technical user of electronic equipment, I knew I would be unable to do the mods myself. So, I shipped it out: 1st to Radio West where "transfitters" (or some other internal hocus-pocus) were added and an onboard digital frequency display was installed. Then, a couple of years later, my DX160 made a week-long stay in the Oregon Ham Sales hospital, where the surgery netted me the installation of a Q-Multiplier. All was fine for a long time, and then the situation mysteriously began to disintegrate: 1st, the Q-Multiplier and/or its concomitant external tube-type power supply failed (I have no idea...). Because it had been installed externally, utilizing an RCA jack and because Oregon Ham Sales had gone belly-up long ago, it was a simple matter for me to unceremoniously jettison the entire piece offending electronic effluvia and operate the rig without it. Now, a dozen years later, the entire receiver is in dire need of some sort of internal alignment or some-such (I have no idea...) Radio Shack won't touch it, citing that the DX160 has been out of production for some time. In addition, it has been modified by someone other than they, so they want no part of it. Oregon Ham Sales is long gone, so repair by them is out of the question. I am hesitant to ship it back to Radio West because the last time I sent them my FRG7 for repair (which I had bought from them), they had to call me to "find out what the modifications were that we made to this thing the last time we had it..." (Shouldn't they, as electronic technicians, be able to tell by looking what they'd done to it?) After all, the mods were standard Radio West offered options when I bought the receiver from them. And doesn't anyone keep a filing system on customer orders?) Even though I have been extremely happy with my FRG7 ever since, I still wonder if they could adequately diagnose and repair my DX160. So, my question is, would any of the technical-types out there in DXN-land be interested in taking on the repair of my DX160 as a challenging and financially rewarding project? I will, of course, be willing to pay a nominal fee for said service. Failing that, is anyone interested in buying a fair-condition, 20 year old DX160 (for parts or whatever) in the \$50 range (or whatever fair?) I have it hard-wired into my oak roll-top desk and wish to revamp my equipment line-up in that desk over the summer, so I will be pulling it out soon. Please contact me if you are interested!

BOB GALERSTIEN (WB2VGD) - 118 B GROVE AVENUE - MAYWOOD, NJ 07607

----- Here's a 'surprise'. In my quest for a good, digital portable, with a focus on MW DXing, concluded with a purchase of the Sony 2010. The problems with the Sony SW77 were outlined in my MUSE about 6 months ago. An even greater disappointment is the recently tested Grundig Satellite 700. The successor to the 500 now has provisions for an external antenna for MW but any advantage ends there. Grundig desensitized the MW band, making it useless for DXing. An amplified loop helped alot, but the portable radio should be portable and not require the lugging around of a loop. The big test I gave this unit was tuning to the NJ Turnpike TIS on 1610. It was fairly weak and registered 'one bar' on the tuning meter. When I used the rotary knob to tune up in frequency, it wouldn't go any higher than 1611. So after using the keypad to program 1612, low & behold, it boomed in! The tuning meter also registered this great increase in signal strength

Additionally, the synchronous detector did not work as well as the 2010's. Splatter was not eliminated as well as the 2010's. Also present was the 'growling' with the Grundig sync detector, as described in the 1992 Passport to World Band Radio. It's really a shame this radio doesn't measure up on MW because its short-wave and FM section especially, are superb. Its bells and whistles are too numerous to mention, but to give you an idea of where Grundig's priorities were when designing this radio, it included 2 external speaker jacks for FM. The only good item regarding AM with the Grundig is that its wide & narrow filters are clearly better than the Sony's, though I have yet to install my recently received KIWA replacements. It's interesting that in the latest catalog received from Gilfer, the Grundig 700 is selling for \$500. I purchased it from them in the fall for \$625. Lack of popularity or currency adjustment with the deutschmark? I, too, share the disappointment of other NRCers regarding the Superadio III. I bought one a few months ago and returned it the same day when it clearly failed all the basic tests I put it through. As an example, the Superadio III couldn't pick up a trace of WBZ during the day, whereas the Superadio I and the 2010 have no problem pulling it in. Meanwhile, I'm having a blast with the 2010, especially after learning to properly use the sync detector (it pays to read the instructions). Wish I did more DXing in early/mid Dec., it seems that conditions were superb to the W. On top of the reports in DX NEWS, I had KOA using the 2010 barefoot. About a week earlier, a friend of mine, also using a 2010 barefoot, snagged CKNW-980! Obviously my jealousy raged-hi! This after I steered him into buying a 2010 and a NRC AM LOG just a couple weeks before. There is a chance he may be recruited into the hallowed ranks of the NRC! It was great talking with JERRY, DICK & AL on the NRC 75 meter net! 73

ERNEST COOPER - 5 ANTHONY STREET - PROVINCETOWN, MA 02657

----- 3 more veries have arrived, WLNL-1000, WUOK-1240 & WTYR-1550, making the total 4425. WTYR was heard on 3 or 4 mornings around 2AM, including some commercials, but their v/l states they are daytime only and were merely testing when I heard them. They were there again 3/1 at 2:18AM. WWKB-1520 has gone back to silence in the wee hours again, they seemed to be all night on that one morning, 2/10. On 2/11, unneeded CJVJ was topping 1360 at 2:26AM with PQ style fiddle music. 2/13, I tried for the KVOX-1280 TEST but nothing was heard. MM 2/15, oddly, there was no sign of the WNNW-1110 TEST here, less than 100 miles from me. 2/16 on 1550 between 2-3AM, someone calling itself "The original hits station", otherwise no ID. (Unistar's "AM Only" format, if that helps-DWS). 2/19 WLS-890 mentioning 'on 94.7' so they must now be simulcasting their FM. WOYK-1350 was atop here at 2:30AM. 2/20 somebody on 1550 today with NBC news at 2AM, likely the same on as on 2/19, but not necessarily. (It might be one of the IN fulltimers, Ernie-DWS) MM 2/22, Ah! At last, a new 'K' call logging! After more than 6 years with no new Ks, the DX TEST from KBOA-830 made it with many CW ID's, tones & marches from 1:02 til 1:37AM when CFJR took them out. Odd: CFJR is seldom heard here during the wee hours, it's usually WWMW/WCCO. 2/24 Unneeded WRTP-1590 was rolling in over/under WAKR at 2AM ID, EZL music. 2/27 found WHBS-1270 in over/under WXYT, all Spanish. They haven't answered an earlier report for me. 3/1 March roared in with 2 new TESTS making it here to the Tip of the Cape: WWJZ-640 was rather weak after 12:24AM but they had oddities of Code ID's, some music and much description about the station and its programming, a whale of a test, as was that of WAKT-830, who followed them at 1:02AM, and they, like KBOA, were taken out at 1:24AM by CFJR. I couldn't stay up long enough to have a try for the KGWA-960 TEST, gotta get my beauty sleep! My holdouts for this season so far are: WBBR-1130, WSSH-1510, Caribbean Beacon-690, WNRV-1430, WLVX-1550, WRTX-1020-TEST, WQEW-1560, WWWW-1130, WGAW-1520, WHBS-1270, WWRX-1110, WRIE-1260 & WLUR-1000. 13 holdouts & 16 veries. Every one received return postage except the Beacon, to whom I sent a \$1 bill for their reply. And I've still got a few holdouts from last season, too, plus many from FM. My guess is that whoever opens the mail at these stations doesn't pass them on to the CE or GM, takes a look at the contents of the DXers' letters, cops the return postage and into the basket it goes! Forward - March! (Maybe we should design a report form like a bill and say that payment will cost them one verie....you got to have a gimmick of some type these days-hi! DWS)

RON MUSCO - P O BOX 118 - POQUONOCK, CT 06064

----- It's been a while since I've checked in. I do keep in touch with Zik, Zer, Zane & the editor Zave. For those of you reading this, I'll bet it gets severely edited! (Your right, send an SASE for the REAL THING! When I get done with you, you'll be as pure as BETTY CROCKER!-DWS) Nice to talk with my old pool-side sitting buddy AL, whom I haven't seen since 1979 but he tells me he'll be in Enfield this Labor Day to meet all (and we do mean all!). I DX in dribs and drabs and am anxiously awaiting a phasing unit from MARK CONNELLY to rekindle my interest. Since Zik, Zer & Zane rave about them, Zon has to try. I, along with Zon, did hear WMAM-570 on their TEST. They received a dozen reports and Zon & I got nice cards for our efforts. The WAMN-1070 TEST was heard with Code ID's but as of 3/1, no verie yet. On 3/1, a nice TEST from WWJZ-640 was heard, way, way on top for a 40 minute report (sounded like the Katzenjammer Kids were running the TEST!). I tuned in 830 at 12:40AM and noted WAKT on the air with old rock & roll and station ID's. At 1AM, they signed on and many more code ID's were noted by Zer, I wonder if Zes was at the transmitter? Was WAKT on 50 watts prior to the TEST, Zer? Th-

anks to DAVE SCHMIDT, I've got 2 R390A's sitting on my rec room floor along with the '90 I use and the HQ150 & HQ180A, which I bought new in 1965. I've also got an SP600 which I bought from Zik and rehomed and now it's back in my possession with its tuning unit ripped out of it with no hope of putting it back together. Kudos to Zane for a fine AM LOG and lets keep it up to snuff by submitting what you hear to DX NEWS! Over 650 members and less than 10% participation. Remember the club's 60th Anniversary so THINNNK about attending and making it a gala celebration! I enjoyed the picture of HMAN MORSS!

DAVE SCHMIDT - P O BOX 11502 WILMINGTON, DE 19850

----- We had our first thunderstorm of the season on 3/8, now they're calling for snow on 3/13, this had been a strange season weather wise here, with a number of rainy days causing a lot of havoc on the AM band. In our last rain storm here, the odd catch was WCHA 1000 equal to the nulled WTMR at high noon! Most of the stuff in the semi local stations was way up above normal. ERC brought up a very good point in his comment on the problem with veries, it appears the long standing problem of station personnel not knowing what to do with reception reports is still a very big problem. But with the deregulation that has been done in the radio industry in the last 10 years, I can fully understand it, many of the stations just don't have the people to sit down and write and the people that they do have are probably pushed to the limit in their duties and just don't have the time! Stations that had a staff of engineers are now down to 1 or 2 at big stations to a once a week/emergency call contract person at the medium/small stations (and that contract person is usually taking care of a dozen stations or so, I'm now working 16 of them in this area, soon to be 18!). But, some one should still have the courtesy to answer any type of request that may come into the station, I'm still a believer of that! The WVCH TEST on 3/8 brought in a few calls, DON VOORHES in Oriskany, NY caught it on 5 watts. I don't know if conditions were bad that morning or not or if in the type of antenna the station used (a unipole), we'll have a rundown on the tenth when all the reports show up....I do know it was strong where I was, about 150 feet E of the tower-hi! 73's & CUNY!

that are on our frequency, and both they and we are protected from interference."

via
JTF
LEWIS

FCC authorizes KNIN's broadcasting experiment

BY DAN MARQUETTE
Radio station KNIN-AM is launching a novel experiment that will boost its signal and allow it to be heard as far as northeast Oklahoma.

The Federal Communications Commission last week authorized the news/talk station to acquire KSEK-AM station in Pittsburg, Kan., which broad casts on the same frequency, 1340, and to construct a "synchronous" transmitter near the town of Amherst, Mo. The idea is to connect the three stations via a satellite downlink and quadrupole KNIN's geographical reach.

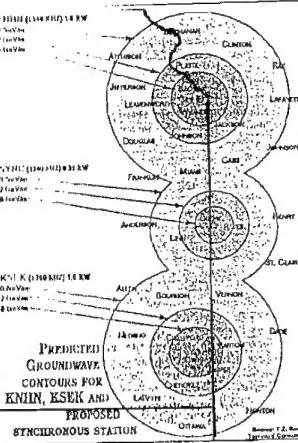
The underlying physics of the proposal are complicated, but basically the plan will allow KNIN to boost its power without acquiring another frequency, which would be much more costly.

"We're paying about a tenth of what we'd pay otherwise," said Bill Johnson, KNIN's owner and general manager.

While a handful of AM stations have attempted synchronous broadcasting, KNIN's plan is the most ambitious one yet and will allow the FCC to determine whether synchronous broadcasting is a viable option for other AM stations, according to a top FCC official.

"It's never been done before to this extent," said Jim Burtle, chief of the FCC's AM branch in Washington. "It will provide valuable scientific data to us and that's why we gave it experimental authorization."

Burtle said Johnson deserves "a lot of credit for being a pioneer. They're taking some kind of risk that it might not work because the expanded coverage might be offset by increased interference."



"One potential problem is that whenever you have stations on the same frequency there will be a zone of interference where each cancels the other out," said Barry Umansky, deputy general counsel of the National Association of Broadcasters.

But to the extent they're synchronized perfectly, that can be minimized. This is an example of using the regulatory changes at the FCC to improve AM radio."

Johnson said the idea arose when he was casting about for a way to improve KNIN's reception in the southern part of the Kansas City area.

"Our problem with geographic coverage wasn't simply one of turning the juice up," he said. "We're controlled by the FCC and other stations in the region

By acquiring KSEK-AM, KNIN will eliminate a major source of broadcast interference, particularly at night when radio waves travel further. But by proposing to synchronize KSEK and the Amherst station, KNIN is going one step further, drawing on the same technology that allows for cellular telephone operations and bolstering its signal without increasing its wattage.

Johnson, a longtime broadcast executive, acquired KNIN three years ago when it was known as KCKN, a country-music station first licensed in 1925. KNIN was the fourth radio station in the country to feature the audio feed of CNN Headline News. The station has since de-emphasized the CNN format in favor of local and syndicated talk shows.

"We thought (CNN owner) Ted Turner was going to take us to the promised land," Johnson said. "Our premise was we were going to reach a tremendous amount of people with an all-news format, people who would listen for a short period of time.

"Well, we were partly right. People listened for a short period of time, but we didn't get the masses. So we started our news, went to news/talk and now we're almost talk/news."

Pittsburg, a town of 25,000 about 120 miles south of Overland Park, will wind up getting its first news/talk station, a format Johnson said would be too expensive otherwise for a market its size. KSEK was an adult-contemporary station.

Although the initial idea was to improve KNIN's reception in the burgeoning southern part of the Kansas City area, the set up will enable its signal to reach as far as northeast Oklahoma, down the north-south 69 Highway axis.

"We're trying to look at growth five years down the road," Johnson said.